ABSTRACT

A system for testing software may include a driver, dispatcher and one or more executors. One or group of test cases may be provided to the testing system. Each test case includes one or more actions and may be in the form of an XML document. Each action may be dependent on or independent of previous or following actions. In preparation for executing the test case one or more times, system initialization is performed. One or more iterations of the test case may be executed and housekeeping tasks may be performed in preparation for executing the next test case. Executing an iteration of a test case includes initialization in preparation for executing the iteration, performing the actions that test the software and validating the results (including comparing the actual result with an expected result and making entries to a log) and performing local cleanup (i.e., cleanup relevant to the iteration).